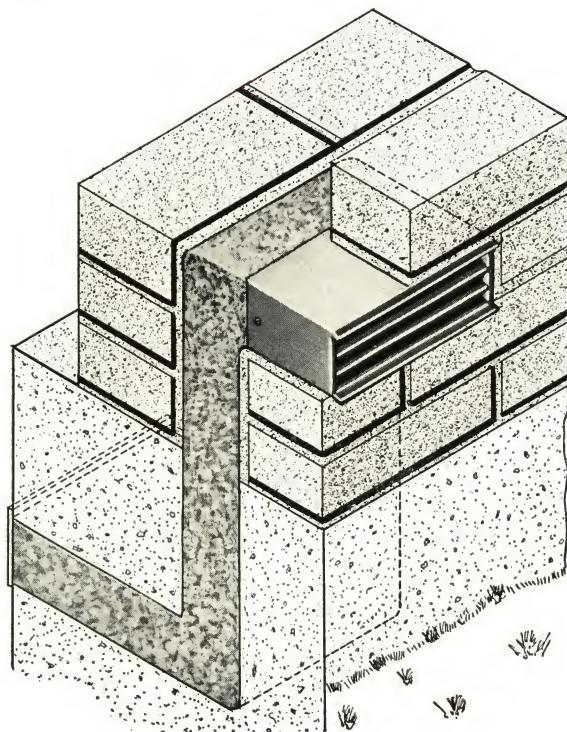


RIESNER *Aluminum* VENT BRICKS

for brick • concrete

• block and frame construction

Riesner cast aluminum, iron and bronze vent bricks used for:
ventilating foundations, crawl spaces, attics and hung ceilings



Vent Bricks can be made with elbows for ducts to meet special conditions.

uses

Vent Bricks are used to ventilate air spaces under buildings, especially crawl spaces above unexcavated cellars, attics and hung ceilings.

All types are designed to meet special ventilating requirements, particularly for unexcavated spaces, cellars and attics to allow circulation of air and to prevent dry rot.

Riesner Vent Bricks are used extensively for foundations, pipe spaces, incinerator rooms and stairway bulkheads in many of the largest housing projects.

installation

The Riesner Vent Bricks are built in by the Mason as he builds the wall, with the louvered face to the outer air and duct or flue to the inside.

dampers

Positive dampers to operate from the inside can be furnished for types B, D, DD and 6B when required with ducts.

key operated

Key operated dampers to operate from the outside can be furnished for types D, DD, and 6B.

The Riesner Aluminum Vent Brick is a louvered wall ventilator built into an exterior wall in the form of a hollow metal casting made in standard brick sizes. It is made the width of one or two standard bricks and the height of one, two or three standard bricks.

The face of the ventilator is louvered and has water drips at top and bottom to prevent water from entering the ventilator. An 18 x 14 mesh insect screen is placed directly behind the face of the louvers. Aluminum insect screens furnished for aluminum castings, bronze insect screen for cast iron and bronze castings.

advantages

Water drips across top and bottom prevent rain from entering.

Vent Bricks present neat appearance—no projections.

Insect screen directly behind the face of the louver prevents insects from entering building through ventilator.

Cast aluminum Vent Bricks are painted with bituminous paint on all surfaces which are built into the masonry.

construction

The Riesner Vent Bricks are stocked in cast aluminum, cast iron, and cast bronze. They are designed in two types—Type "C" for connection to a round duct or pipe and all the others for connection to a rectangular duct. (24 gauge galvanized iron ducts are provided for Vent Bricks upon request.)

All Vent Bricks are designed with a louvered face which prevents driving rain from entering the ventilator or duct. Each also has an integral water stop inside the casting; a continuous drip above the face to prevent drainage from above entering the louvers and a drip at the bottom to permit water to drip off the face of the louver without causing stains on the wall.

specifications

Specify under masonry heading "install Vent Bricks" (specify type, location and whether with or without connecting duct) as manufactured by RIESNER VENT BRICK CORPORATION, 353 East 78th Street, New York 21, N. Y.

register faces

Stamped steel register faces can be furnished for all types when required in connection with ducts.

Vent Bricks can be factory assembled in tandem or vertical multiples to meet special size openings, especially for air conditioning intakes etc.

RIESNER CAST ALUMINUM VENT BRICKS REQUIRE NO MAINTENANCE.

RIESNER *Aluminum* VENT BRICKS

20d
Ri

type "B" (also available cast iron & cast bronze)



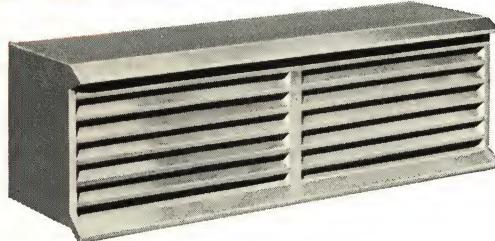
(width and height of one brick) CASTING ONLY— $2\frac{3}{8}$ " x $8\frac{1}{8}$ " x 4" deep. Free area 15 sq. in. Casting can be furnished with duct to extend through wall (specify wall thickness).

type "D" (also available cast iron & cast bronze)



(width of one brick, height of two bricks) CASTING ONLY—5" x $8\frac{1}{8}$ " x 4" deep. Free area 33 sq. in. Above casting can be furnished with duct to extend through wall (specify wall thickness).

type "DD" (also available cast iron & cast bronze)



(width and height of two bricks) CASTING ONLY—5" x $16\frac{1}{2}$ " x 4" deep. Free area 66 sq. in. Casting can be furnished with duct (specify wall thickness).

type "6B" (cast aluminum only)



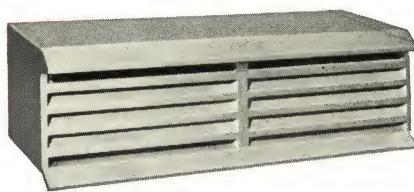
(width of two bricks, height of three bricks) CASTING ONLY— $7\frac{3}{4}$ " x $16\frac{1}{2}$ " x 4" deep. Free area 89 sq. in. Casting can be furnished with duct (specify wall thickness).

type "JB" (cast aluminum only)



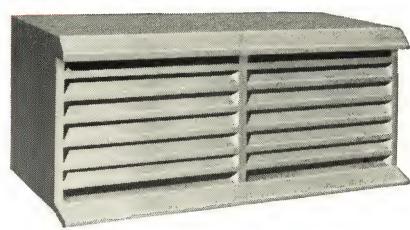
CASTING ONLY— $2\frac{3}{4}$ " x 8" x 4" deep. Free area 17 sq. in. Casting can be furnished with duct.

type "VA" (cast aluminum only)



CASTING ONLY— $3\frac{1}{2}$ " x $11\frac{1}{2}$ " x 4" deep. Free area 30 sq. in. Casting can be furnished with duct.

type "JD" (also available cast bronze)



CASTING ONLY—5" x $11\frac{1}{2}$ " x 4" deep. Free area 43 sq. in. Casting can be furnished with duct.

type "C" (also available cast iron & cast bronze)



(width of one brick, height of two bricks) CASTING ONLY—5" x $8\frac{1}{2}$ " x 8" deep. Free area 31 sq. in. Casting has rabbet to connect to a 6" diameter duct. (Specify wall thickness).

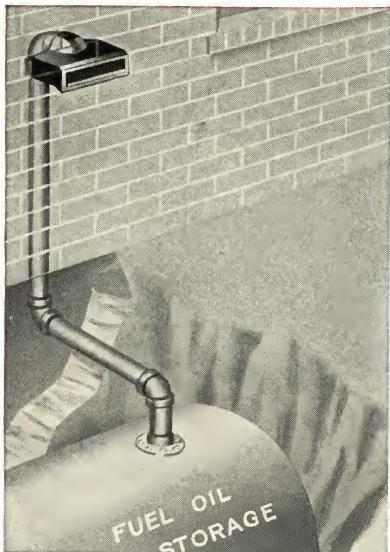
LARGE STOCKS OF ALL TYPES MAINTAINED—PROMPT DELIVERY

PRICES ON CASTINGS, DUCTS, REGISTER FACES AND DAMPERS UPON REQUEST.

ALL ALUMINUM SHIPMENTS OVER 100# VIA MOTOR FREIGHT F.O.B. DESTINATION TO ANY POINT IN U.S.A.

RIESNER FUEL OIL VENT BRICKS

ventilator for fuel oil and volatile oil storage tanks



Type F

Type F hollow cast metal brick, either galvanized cast iron or bronze, the size of one standard brick with louvered face, finished with water drip at top and bottom. A 20 mesh brass wire insect screen in two thicknesses is placed immediately in front of the louvered casting and held in place with two tapped screws which are easily removed for cleaning the screen.

2 $\frac{1}{4}$ " high x 8 $\frac{1}{8}$ " wide x 4" deep with a single 2" or 3" diameter pipe connection at back, standard threading.

THESE VENTILATORS ARE APPROVED BY THE BOARD OF STANDARDS AND APPEALS, CITY OF NEW YORK, FOR VENTILATING FUEL OIL STORAGE TANKS AND VOLATILE INFLAMMABLE OIL STORAGE TANKS OUTSIDE OF BUILDINGS, UNDER CAL. NO. 15-36 S.A.

These Vent Bricks do not take up any space—they are built into the wall and can be used in brick walls, concrete forms, frame construction and prefabricated wall finishes. They do not project beyond the building, present a neat appearance and require minimum upkeep.

installation

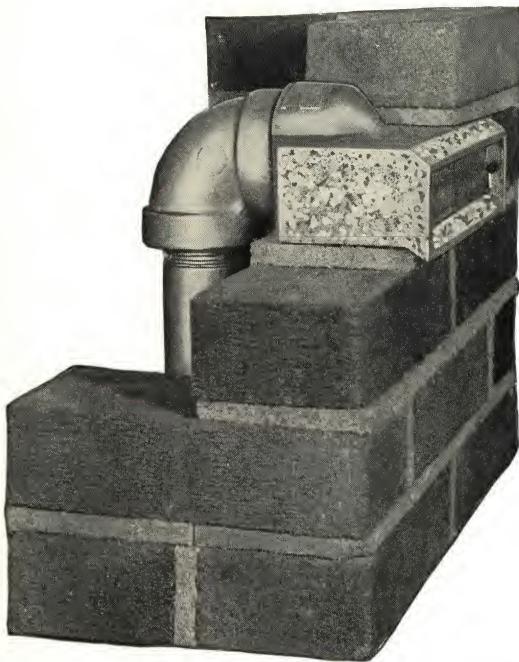
The Vent Bricks are built into the wall by the mason, with the louvered face to the outside and the threaded connection to the inside, ready for pipe connection. Mason should provide chase in wall for vertical vent line.

For ventilating fuel oil tanks, Riesner Vent Bricks should be placed according to local ordinance requirements.

For ventilating volatile oil storage tanks, Riesner ventilating bricks should be placed according to local requirements, generally at least 10'0" from the nearest window of any adjoining building.

specifications

Specify under vent pipe heading "install Vent Bricks as manufactured by RIESNER VENT BRICK CORPORATION, 353 East 78th Street, New York 21, N. Y." (Specify type, pipe size, location and whether cast iron or cast bronze.)



RIESNER VENT BRICK CORP.

353 East 78th Street • New York 21, N.Y.

telephone BUTterfield 8-8580-8581

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